

CLAIMS:

- 1 1. An ArsR protein comprising a portion of an ArsR protein consisting of an
2 amino acid sequence that is at least 90% identical to the amino acid sequence
3 of amino acids 1-97 of SEQ ID NO:2, which ArsR protein binds to a nucleic
4 acid sequence selected from the group consisting of SEQ ID NOS: 3, 4,5, 6, 7,
5 8, 9, and 10.
- 1 2. The ArsR protein of claim 1 which has an amino acid sequence of amino acids
2 1-97 of SEQ ID NO:2.